

Region 18 Follow Up Survey

Some Basic Trends:

2007-2011

October 10, 2011

Prepared for
Career and Technical Education (CTE) Administrators
Michigan

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BACKGROUND

The Perkins Act of 2006 requires that states establish and support performance accountability systems that can assess the effectiveness of the state and local funding recipients in Career and Technical Education (CTE). The state-developed performance measures consist of core indicators, any additional indicators that the state determines, and the “state adjusted levels of performance” for the indicators.¹

One of the eight secondary CPIs in Michigan is 5S1–Placement. The numerator of 5S1 is the number of 11th and 12th grade completers who left secondary education and were placed in postsecondary education or advanced training, in the military service, or employment in the third quarter following the program year in which they left secondary education. The denominator of 5S1 is the number of 11th and 12th grade CTE completers who left secondary education during the reporting year.

FIGURES AND TABLES

This document provides three data tables and three figures that display Region 18 data from the follow up survey. Table 1 shows the number of 11th and 12th grade completers who left secondary education and are employed (full time and part time), the total number 11th and 12th grade completers available for work, and the percentage of those available for work who were employed. This ratio is plotted in Figure 1 and a best fit linear trend line has been fitted across the data points (2007–2011)².

Table 2 shows the number of 11th and 12th grade completers who left secondary education and who are in a community college. It also shows the total number of 11th and 12th grade completers in any type of post-secondary institution (business/trade/career center, community college, college/university, military, and other). The ratio of students in a community college to the total number of students in any type of post-secondary institution has been calculated and plotted in Figure 2. A best fit trend line has been fitted across the data points (2007–2011).

Table 3 shows the number of 11th and 12th grade completers who left secondary education and who are in a 4 year college/university. It also shows the total number of 11th and 12th grade completers in any type of post-secondary institution (business/trade/career center, community college, college/university, military, and other). The ratio of those students in a 4 year college/university to the total number of students in any type of post-secondary institution has been calculated and plotted in Figure 3. A best fit trend line has been fitted across the data points (2007–2011).

NOTE

In order to incorporate statewide program standards, the method for determining whether a student completed the CTE program was changed beginning with students enrolled in 2008–2009. This change contributed to an overall decrease in the number of students identified as

¹ Perkins Act of 2006: The Official Guide. 2006. Association for Career and Technical Education, Alexandria, Virginia

² See the section titled Note for further details

completers which is reflected in the data points for 2009–2010 and 2010–2011 (since placement is reported the year after a student leaves school).

Due to the change in completer definition for students enrolled in 2008–2009 onwards the comparison of raw numbers for the years 2007–2009 to the raw numbers from 2010–2011 is not a valid comparison. What is a valid comparison however is looking at the standardized numbers (the three Figures and the column of percentages in the Tables) since the percentages reflect real changes in addition to changes that may have been caused by the definition change.

PURPOSE

The intent of this document is to serve managers and CTE administrators as a tool for planning purposes. It does this by providing background information on key data elements from the follow up survey such as the number of 11th and 12th grade completers who left secondary education and are employed, the number of 11th and 12th grade completers who left secondary education and who are in a community college, and the number of 11th and 12th grade completers who left secondary education and who are in a four year college/university.

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APPENDIX:

Region 18 Employment

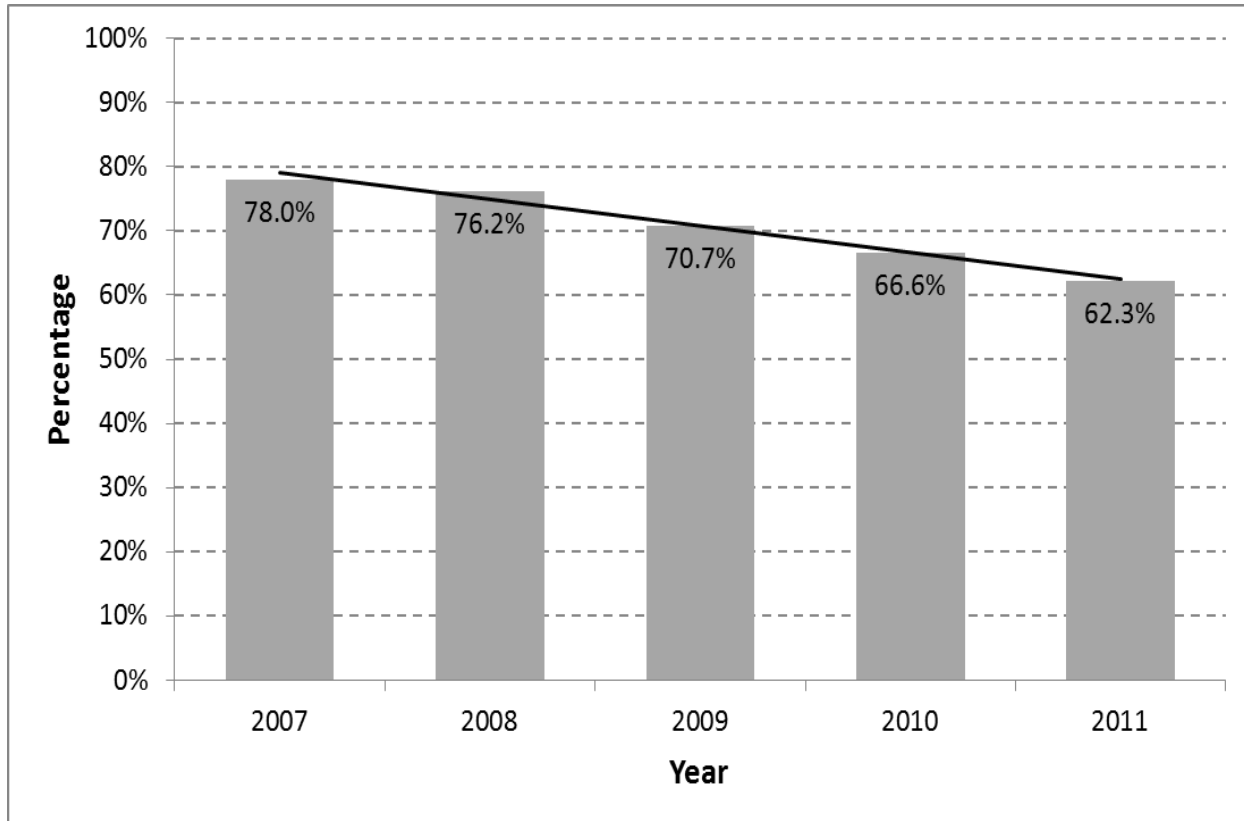


Figure 1. The percentage of 11th and 12th grade completers who left secondary education who were available for work and who were employed in Region 18

Table 1. The number of 11th and 12th grade completers who left secondary education and are employed (full time and part time), the total number 11th and 12th grade completers available for work, and the percentage of those available for work who were employed* in Region 18

Year	Total Employed	Available for work	%
2007	2,323	2,977	78.0%
2008	2,240	2,938	76.2%
2009	1,884	2,663	70.7%
2010	1,085	1,628	66.6%
2011	879	1,412	62.3%

* It is incorrect to compare raw numbers between the years 2007–2009 to the numbers from 2010–2011 due to changes in completer definition. Using the percentage column provided is a more accurate method to make comparisons between the years.

APPENDIX:

Region 18 Community College

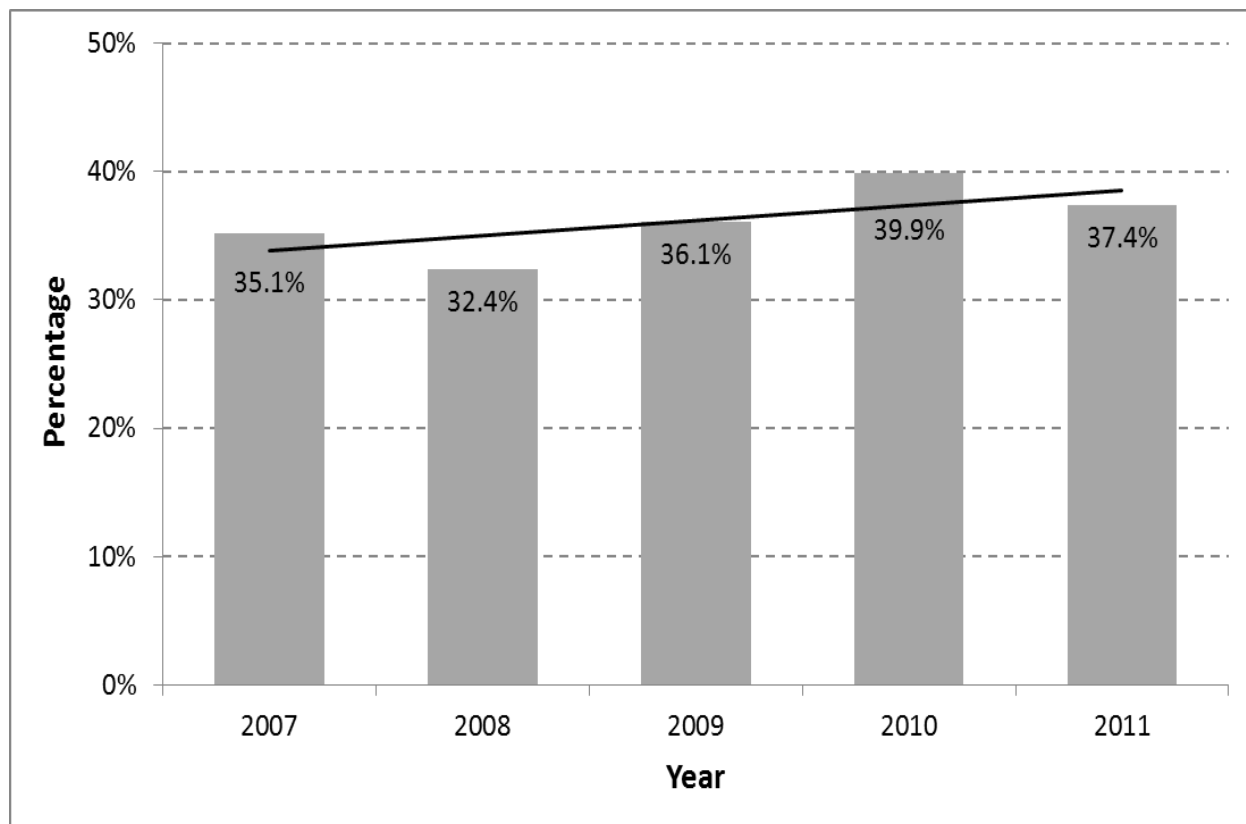


Figure 2. The ratio of 11th and 12th grade completers who left secondary education and were in a community college to the total number of students in any type of post-secondary institution in Region 18

Table 2. The number of 11th and 12th grade completers who left secondary education and who are in a community college, the total number of 11th and 12th grade completers in any type of post-secondary institution (business/trade/career center, community college, college/university, military, and other), and their ratio* in Region 18

Year	Community College	Type of School (Total)	%
2007	1,271	3,616	35.1%
2008	1,153	3,556	32.4%
2009	1,119	3,100	36.1%
2010	780	1,955	39.9%
2011	622	1,664	37.4%

* It is incorrect to compare raw numbers between the years 2007–2009 to the raw numbers from 2010–2011 due to changes in completer definition. Using the percentage column provided is a more accurate method to make comparisons between the years.

APPENDIX:

Region 18 College/University

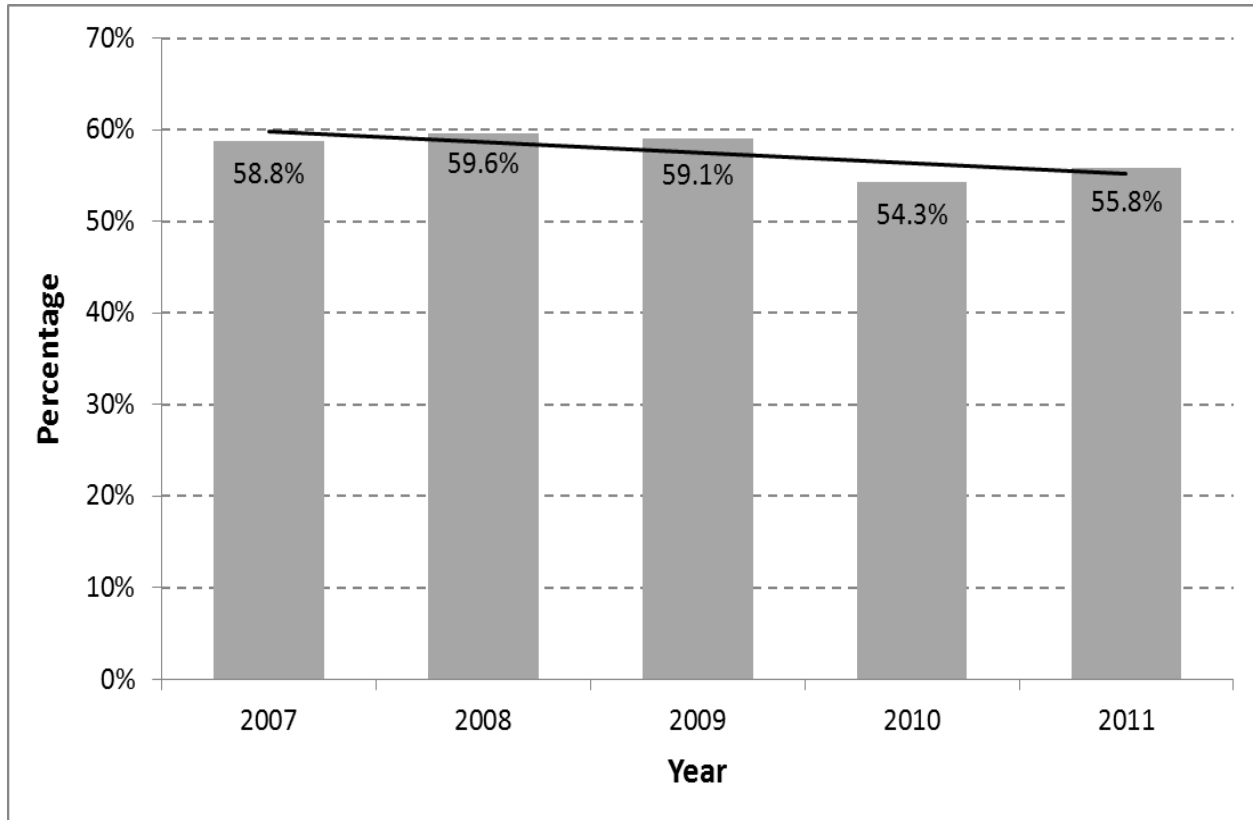


Figure 3. The ratio of 11th and 12th grade completers who left secondary education and were in a college/university to the total number of students in any type of post-secondary institution in Region 18

Table 3. The number of 11th and 12th grade completers who left secondary education and who are in a college/university, the total number of 11th and 12th grade completers in any type of post-secondary institution (business/trade/career center, community college, college/university, military, and other), and their ratio* in Region 18

Year	College/University	Type of School (Total)	%
2007	2,126	3,616	58.8%
2008	2,121	3,556	59.6%
2009	1,831	3,100	59.1%
2010	1,062	1,955	54.3%
2011	928	1,664	55.8%

* It is incorrect to compare raw numbers between the years 2007–2009 to the raw numbers from 2010–2011 due to changes in completer definition. Using the percentage column provided is a more accurate method to make comparisons between the years.